



# Data Sheet

## FUJITSU Notebook LIFEBOOK E548

Your Powerful and Modern Business Device

### Fujitsu recommends Windows® 10 Pro

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The FUJITSU Notebook LIFEBOOK® E548 is exclusively designed for office workers needing a powerful, fully-equipped notebook. Thanks to the latest Intel processor and a shared port replicator concept with the LIFEBOOK U7 family, you can work efficiently wherever you are. Enjoy a new textured design with advanced security features to protect your business data against unauthorized access.

#### Modern and robust design

Reliable mobility, ease of use and modern good looks for everyday business demands

- Slim 0.94 in. (23.9 mm) entry notebook starting at 3.95 lbs. (1.79 kg) with a robust and new crosshatch 3D textured palm rest design
- Enjoy an ergonomic viewing experience with an anti-glare 14.0-inch or 15.6-inch HD or FHD display
- Business rugged and MIL-STD-810G tested



#### Reliable and secure performance

Protect your business data from unauthorized access at all times

- New integrated area fingerprint sensor, SmartCard reader and TPM 2.0

#### Best in class connectivity

Be flexible and stay productive anywhere, anytime

- Full set of ports with full-sized HDMI, VGA, LAN connector, and USB Type-C®
- Based on the latest Quad Core Intel® processor, enabling data to be processed faster

#### Convenient serviceability and upgradeability

Easy access to key components reduces upgrade time and costs

- Battery, memory and internal storage components can be changed with ease

#### Shared port replicator concept

Protect your investments and be ready for shared desk concepts

- Shared family port replicator with the LIFEBOOK U7 family ensures ultimate flexibility and workplace sharing



# Components

## Fujitsu recommends Windows® 10 Pro

<b>Base unit</b>	LIFEBOOK E548
<b>Operating systems</b>	Windows 10® Pro 64-bit Windows 10® Home 64-bit
<b>Processor</b>	Intel® Core® i7-8650U vPro® processor (1.9 GHz, up to 4.2 GHz, 8 MB Cache) Intel® Core® i7-8550U processor (1.8 GHz, up to 4.0 GHz, 8 MB Cache) * Intel® Core® i5-8350U vPro® processor (1.7 GHz, up to 3.6 GHz, 6 MB Cache) Intel® Core® i5-8250U processor (1.6 GHz, up to 3.4 GHz, 6 MB Cache) * Intel® Core® i5-7300U vPro® processor (2.6 GHz, up to 3.5 GHz, 3 MB Cache) Intel® Core® i5-7200U processor (2.5 GHz, up to 3.1 GHz, 3 MB Cache) * Intel® Core® i3-7130U processor (2.7 GHz, 3 MB Cache) * *Processor only for retail, SMB, education and government
<b>Memory modules</b>	4 GB module DDR4, 2400 MHz, SO-DIMM 8 GB module DDR4, 2400 MHz, SO-DIMM 16 GB module DDR4, 2400 MHz, SO-DIMM
<b>Hard disk drives</b>	256 GB M.2 SATA SSD 256 GB M.2 SATA SED/OPAL SSD 512 GB M.2 SATA SED/OPAL SSD 1 TB M.2 SATA SED/OPAL SSD 256 GB M.2 PCIe NVMe SED/OPAL SSD 512 GB M.2 PCIe NVMe SED/OPAL SSD
<b>Hard disk notes</b>	Accessible capacity may vary, also depending on used software. Up to 20 GB of HDD space is reserved for system recovery. Internal storage interface: S-ATA III or PCIe. All hard disk drives utilize an internal shock sensor to protect your data.
<b>LCD Display</b>	14.0" (35.6 cm) HD anti-glare, 1366 x 768 pixel, 200cd/m <sup>2</sup> , 350:1 14.0" (35.6 cm) FHD anti-glare, 1920 x 1080 pixel, 220cd/m <sup>2</sup> , 700:1
<b>LCD Display Notes</b>	Brightness can vary based on screen treatment or film.
<b>WLAN</b>	Intel® Dual Band Wireless-AC 8265 2x2 ac/a/b/g/n with integrated Bluetooth®
<b>Bluetooth</b>	v4.1
<b>Multimedia</b>	
<b>Camera</b>	Optional HD webcam with status LED

# Base Unit

## Fujitsu recommends Windows® 10 Pro

Base Unit	LIFEBOOK E548
<b>General system information</b>	
Chipset	Integrated
Chipset Notes	Intel® vPro® support requires a configuration with Intel® vPro® CPU, Intel® Dual Band Wireless-AC 8265 WLAN, and TPM 2.0 module
Supported capacity RAM (max.)	32 GB
Memory slots	2 DIMM (DDR4)
Memory notes	Memory speed up to 2400 MHz with Quad Core CPU, and up to 2133 MHz with Dual Core CPU
LAN	10/100/1,000 MBit/s Intel® I219LM
BIOS version	UEFI Specification 2.5
BIOS features	InsydeH20 Bios
Audio type	On board
Audio codec	Realtek ALC255 with MaxxAudio
Audio features	Stereo speakers
<b>Display</b>	
Display notes	HD - Viewing angle: Left/Right 40°, Top 10°, Bottom 30°; Color Gammut: 45% FHD - Viewing angle: Left/Right 80°, Top 80°, Bottom 80°; Color Gammut: 45%
<b>Graphics</b>	
TFT resolution (HDMI)	up to 1,920 x 1,200
TFT resolution (VGA)	up to 1,920 x 1,200
TFT resolution (DVI on Port Replicator)	up to 1,920 x 1,200
Graphics brand name	Intel® UHD Graphics 620 with 8th Generation Quad Core CPUs Intel® HD Graphics 620 with 7th Generation Dual Core CPUs
Graphics features	3 Display Support (2 external, 1 internal)
Graphics notes	Shared memory depending on main memory size, CPU and operating system
<b>Interfaces</b>	
DC-in	1
Audio: line-out / headphone	1 (combo port with Audio line-in)
Audio: line-in / microphone	1 (combo port with Audio line-out)
Internal microphones	2x digital array microphones (optional)
USB	2x USB 3.0 Type-A (1 with Anytime USB charge functionality) 1x USB 3.1 (Gen 1) Type-C (with support for Power Delivery and DisplayPort™)
VGA	1
HDMI	1
Ethernet (RJ-45)	1 (10/100/1000) with status LED
Memory card slots	1 (SD up to 2 GB, SDHC up to 32 GB, SDXC up to 128 GB)
SmartCard slot	1 (optional)
<b>Port Replicator interfaces (optional)</b>	
DC-in	1 (19V)
Power on switch	1
Audio: headphone	1

# Base Unit

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Audio: microphone	1
USB	4x USB 3.1 Type-A 2x USB 3.1 (Gen 1) Type-C
DisplayPort	2 - 1 DP (next to DVI) is shared with DVI, works when DVI not connected
VGA	1
DVI-D	1 - shared with DP (next to DVI) - works when DP (next to DVI) not connected
Ethernet (RJ-45)	1 (10/100/1000)
Kensington Lock Slot	1 (Port rep & System)
eSATA	1

### Keyboard and pointing devices

Anti-microbial, spill-resistant, isolation keyboard, or Backlit, spill-resistant, isolation keyboard
Number of keyboard keys: 85, Keyboard pitch: 18.4 mm, Keyboard stroke: 1.7 mm
Multi gesture precision touchpad with two mouse buttons
Status LED
Power Button

### Wireless technologies

Antennas	2 Dual band WLAN antennas
Bluetooth	Bluetooth® v4.1
WLAN encryption	WEP, WPA, WPA2
WLAN notes	Import and usage according to country-specific regulations.

### Power supply

AC Adapter	19 V / 65 W (3.42 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) compact AC-Adapter 19 V / 90 W (4.74 A), 100 V - 240 V, 50 Hz - 60 Hz, 3-pin (grounded) standard AC-Adapter
Notes	65W AC Adapter for usage with system/ 90W AC Adapter for usage with Port Replicator
Main battery	Lithium polymer battery 4-cell, 50 Wh
Battery features	Quick Charge: 80% in 1 h
Runtime main battery	Up to 12 hours, 20 minutes with HD Display, 256 GB OPAL SSD Up to 11 hours with FHD Display, 256 GB OPAL SSD
Battery notes	Battery runtime information is based on worldwide acknowledged BAPCo® MobileMark® 2014 (office productivity). Refer to <a href="http://www.bapco.com">www.bapco.com</a> for additional details. The BAPCo® MobileMark® Benchmark provides results that enable direct product comparisons between manufacturers. It does not guarantee any specific battery runtime which actually can be lower and may vary depending on product model, configuration, application and power management settings. The battery capacity decreases slightly with every re-charge and over its lifetime.

### Dimensions / Weight / Environmental

Dimensions (W x D x H)	13.13 x 9.21 x 0.94 inches 333.6 x 234 x 23.9 mm
Weight (lbs.)	3.95 lbs (1.79 kg)
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	41 - 95 °F (5 - 35 °C)
Operating relative humidity	20 - 80 %

# Base Unit

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### Compliance with standards

<b>North America</b>	FCC Part 15B Class B and FCC Part 15C; FCC Part 15E; FCC Part 22/24/27; IC ICES-003 Class B and RSS-210; UL-cUL Listed; RF Human exposure Standard; ENERGY STAR® Qualified; EPEAT® Gold (depending on your configuration). MIL-STD-810G. Qualifies for treatment as U.S. Trade Agreements Act ("TAA") compliant finished product.
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR EPEAT Gold (dedicated regions)
<b>Model</b>	ME14A

### Additional Software

<b>Additional software (preinstalled)</b>	McAfee® Multi Access Security (anti-virus and internet security software; 60 days trial version) Waves MaxxAudio (audio enhancer) Fujitsu Battery Utility Fujitsu Function Manager LIFEBOOK Application Panel
<b>Additional software (optional)</b>	Microsoft Office (buy license to activate the pre-installed Microsoft Office) Fujitsu Workplace Protect Recovery DVD for Windows®

### Manageability

<b>Manageability technology</b>	PXE 2.1 Boot code Wake up from S5 (off mode) WoL (Wake on LAN)
<b>Supported standards</b>	WMI (Windows Management Instrumentation) PXE (Preboot Execution Environment) DMI (Desktop Management Interface) SMBIOS (System Management BIOS) CIM (Common Information Model)

### Security

<b>System and BIOS Security</b>	Absolute Persistence® technology capable BIOS Optional: Trusted Platform Module (TPM 2.0)
<b>User Security</b>	Embedded area fingerprint sensor (optional) Access protection via internal SmartCard reader (optional) Hard disk password User and supervisor BIOS password Workplace Protect (secure authentication solution)

### Warranty

<b>Standard Warranty</b>	One Year Fujitsu International Limited Warranty, 24/7 technical support; Fujitsu extended service plans available
<b>Warranty Terms &amp; Conditions</b>	<a href="http://www.fujitsu.com/us/support/">http://www.fujitsu.com/us/support/</a>

<b>Recommended Accessories</b>	USB Type-C Dock, Mechanical Port Replicator, Memory Expansion, SSD Storage, AC Adapter, 4-cell 50 Wh main battery, Notebook Mouse, Kenneth Cole Reaction Expandable Backpack
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## More Information

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## Contact

FUJITSU AMERICA, INC.  
Address: 1250 East Arques Avenue, Sunnyvale, CA 94085-3470, U.S.A.  
Telephone: 800 831 3183 or 408 746 6000  
Website: [www.fujitsu.com/us](http://www.fujitsu.com/us)  
Contact Form: [us.fujitsu.com/ContactFujitsu](mailto:us.fujitsu.com/ContactFujitsu)

Have a question? Email us at: [AskFujitsu@us.fujitsu.com](mailto:AskFujitsu@us.fujitsu.com)